

CROSS-REFERENCE TO RELATED APPLICATION

This application is a national phase application which claims priority from International Application No. PCT/GB00/00556, which was published in English as WO 00/49724 on August 24, 2000, and which in turn claims priority from GB application No. 9903465.4.

BACKGROUND OF THE INVENTION

Please insert the following at page 4, line 14 of the specification:

SUMMARY OF THE INVENTION

A method for reducing interference between users of a carrier signal in which there are users with a high bit rate and users with a lower bit rate in which first the higher bit rate users have their interference reduced by hybrid interference cancellation (HIC) and then the interference between the other lower bit rate users is reduced by HIC and in which a different HIC configuration is used for the higher bit rate users and the lower bit rate users.

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 depicts a block diagram of a HIC system.

Figures 2-5 depict the use of HIC with various configurations and PIC and SIC.

Figure 6 depicts a block diagram in the situation where $K=H+L$.

Figure 7 depicts an embodiment of this invention in which there are 9 low bit rate users and 1 high bit rate user.

DETAILED DESCRIPTION OF THE INVENTION